

Figure 1

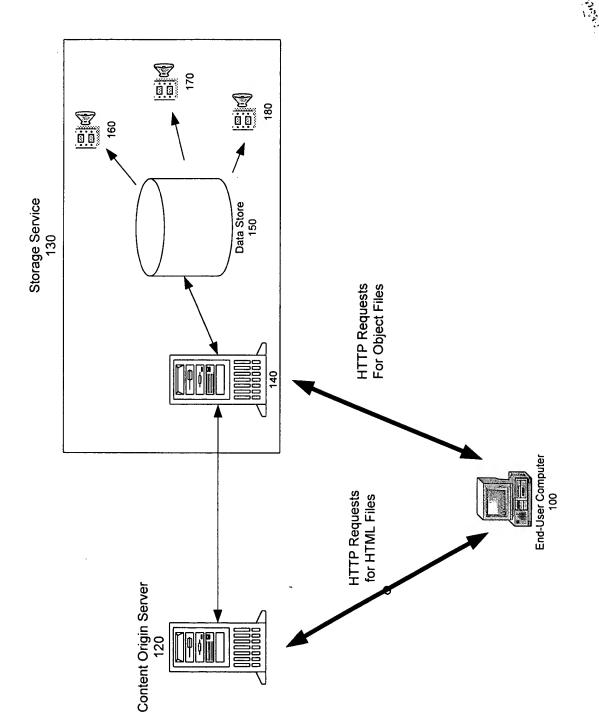


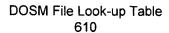
Figure 2

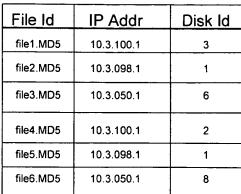
Intelligent Storage Nodes

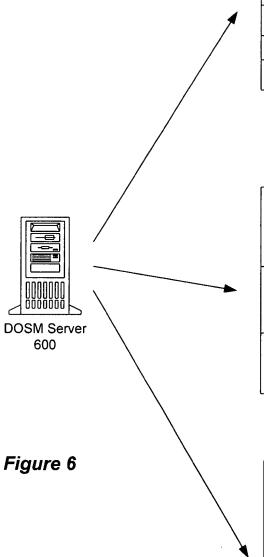
Figure 3

Ñ

Figure 5











Film Snippet



Advertisement



Film Preview

State Table 630

Read - Write State of Storage Nodes

Health of Storage Nodes

Load of Storage Nodes

- Storage Capacity
- Number of I/O Operations Per Second

Figure 7

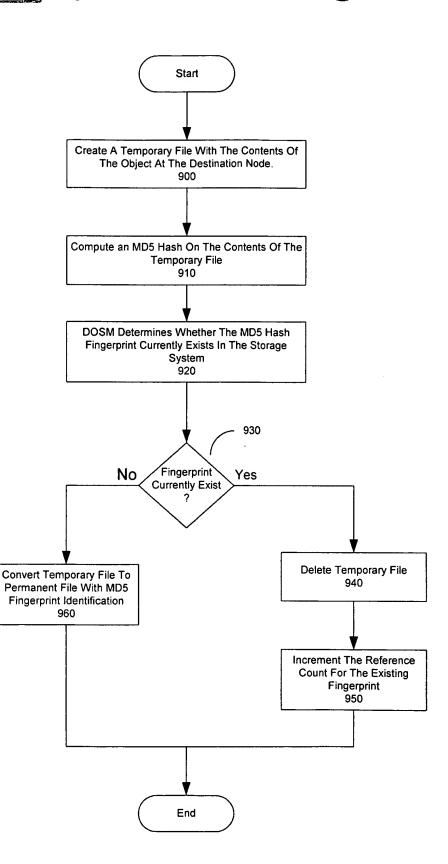


Figure 9

Figure 10

## **Customer Table**

Customer Name	Customer Reserved Fields	
Customer A	[Customer stores data]	1200
Customer B	[Customer stores data]	
Customer C	[Customer stores data]	
Customer D	[Customer stores data]	

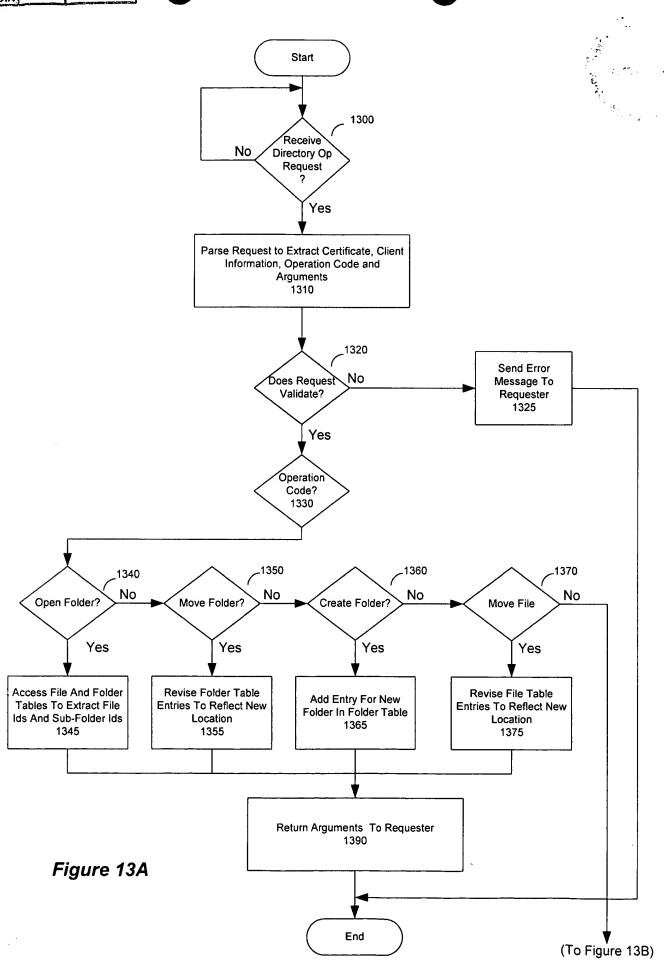
## Folder Table

Customer Id	Folder Id	Folder Parent Id	Metadata	
3	2	-	[Reserved]	1210
3	100	2	[Reserved]	Y
3	251	2	[Reserved]	
3	166	251	[Reserved]	

## File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata	
3	52.MD5	100	2	[Reserved]	1220
3	55.MD5	100	2	[Reserved]	Y
3	99.MD5	166	251	[Reserved]	
3	67.MD5	166	251	[Reserved]	

Figure 12



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Figure 13B

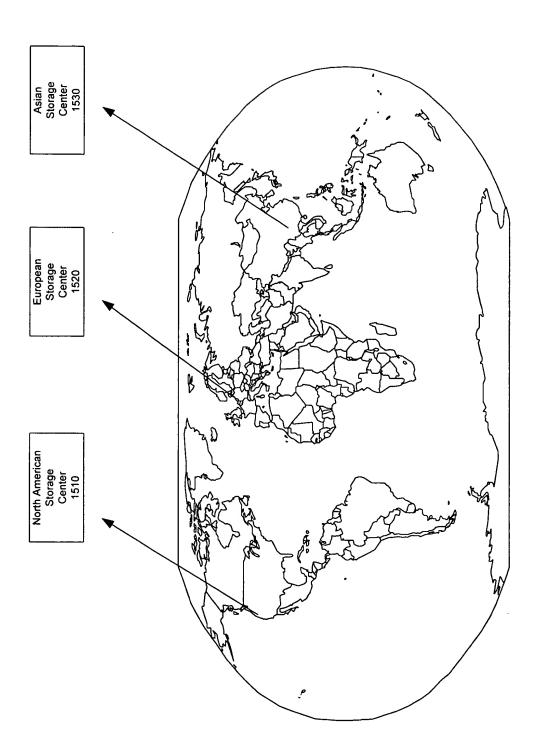


Figure 15

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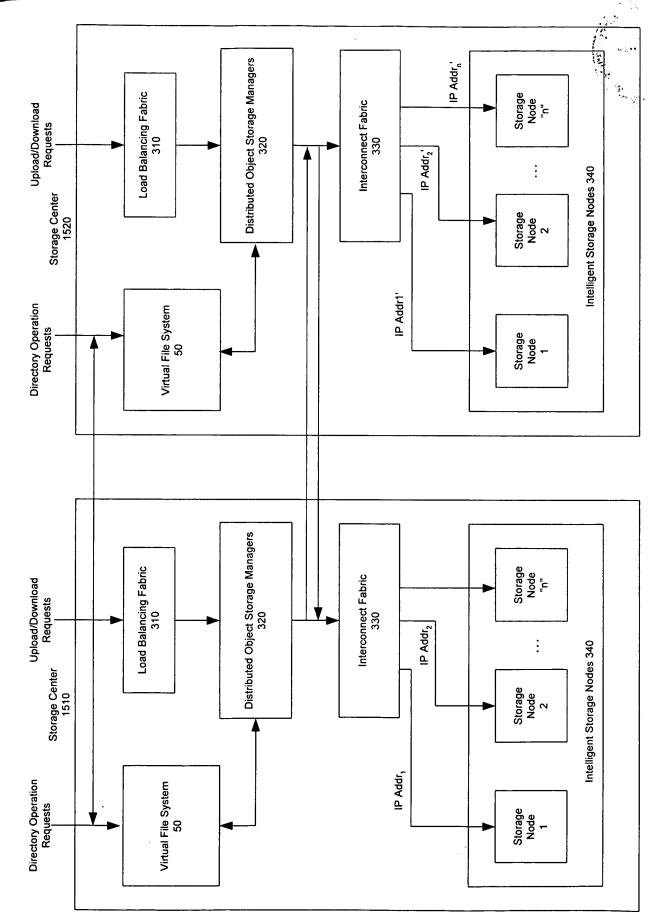
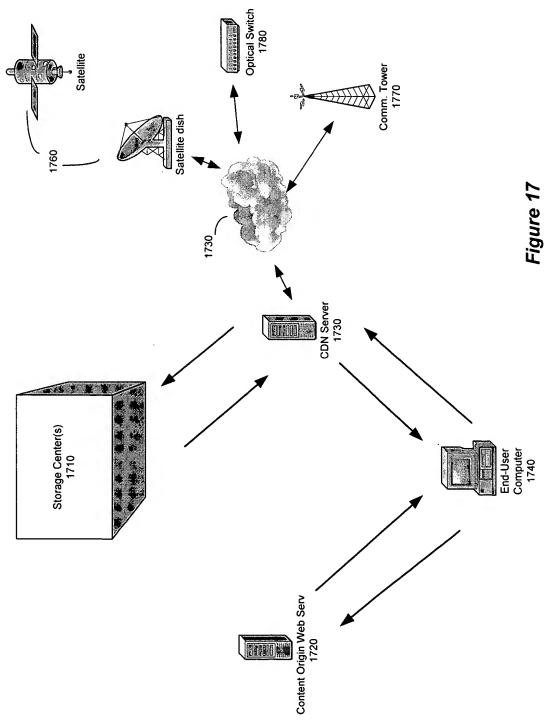


Figure 16





COPESSE OLAGOL

OOYEWWW.ofinol

End



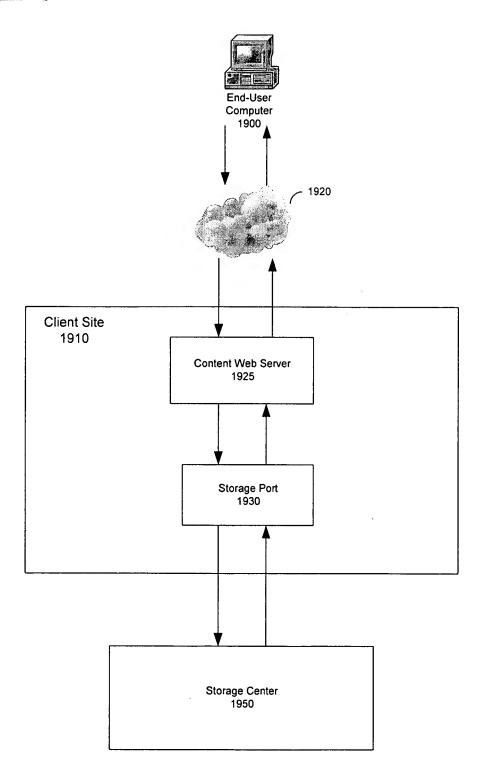


Figure 19

COVETE OLICA

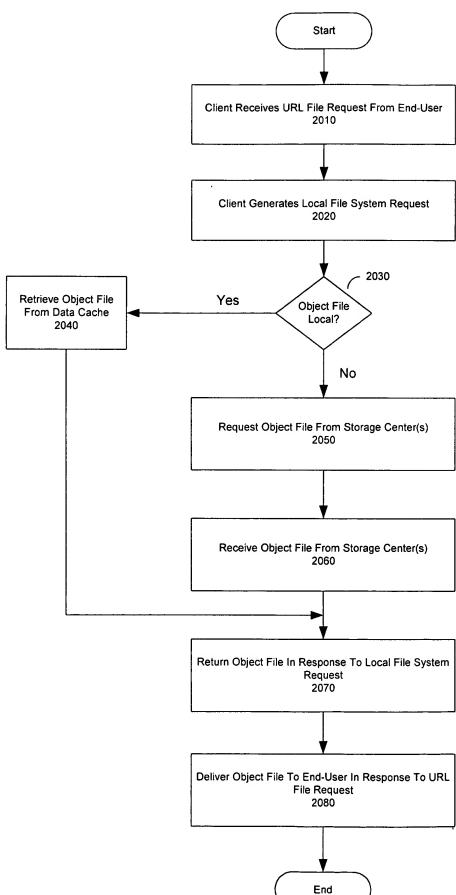
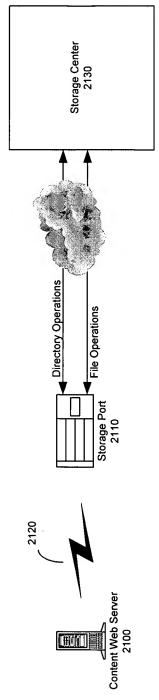


Figure 20





O975333.O416O1

Figure 21a

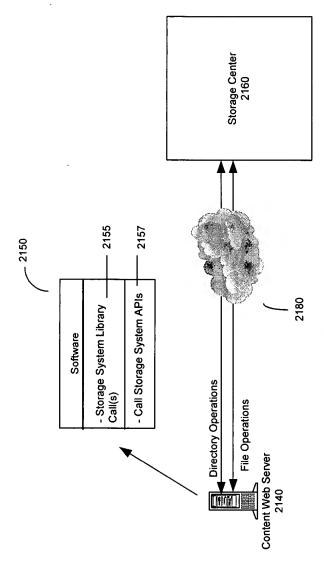


Figure 21b

COPEEEE CL

Figure 22

OGYSHRE. OLIGOI



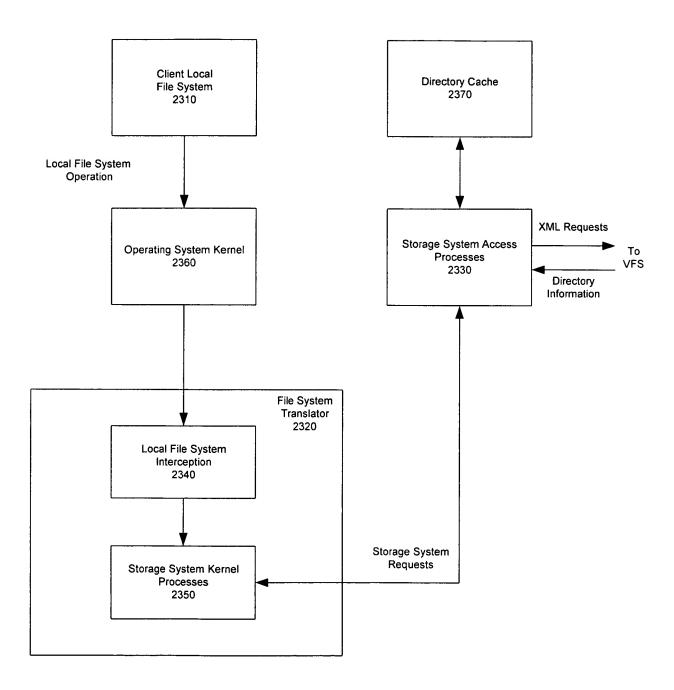


Figure 23

COPERTACION

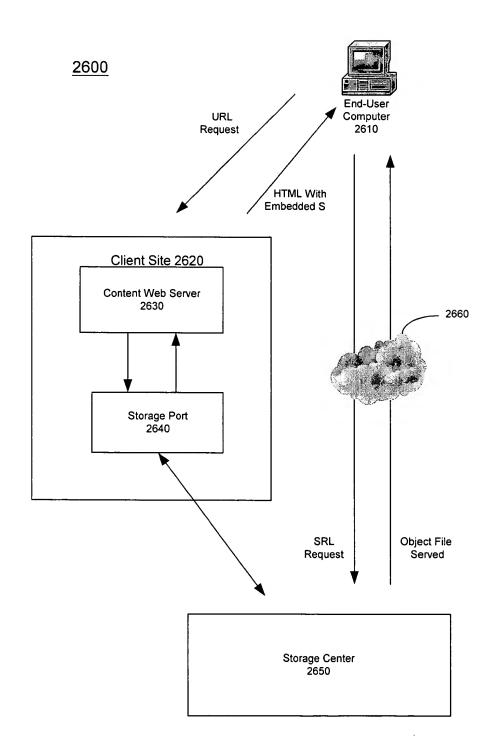
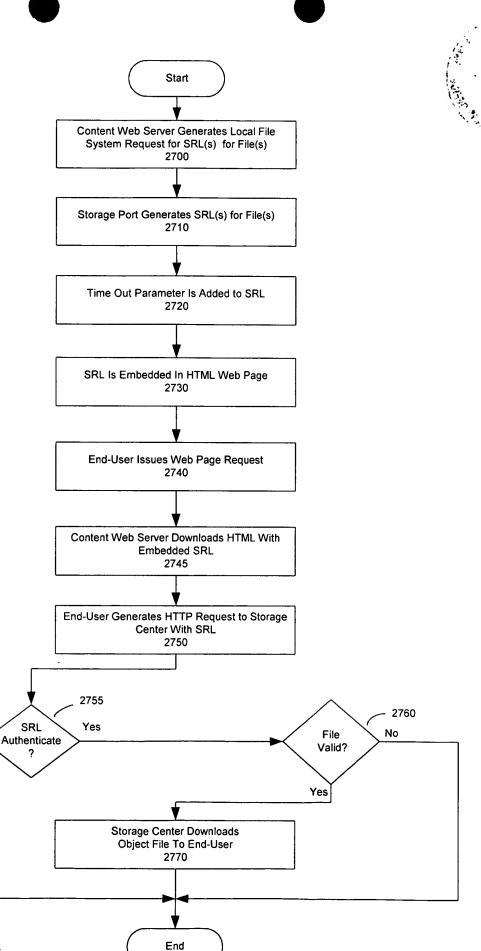


Figure 25

No

Figure 26



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Figure 27

Content Web Server Transmits To End-User HTML With Embedded SRL 2930

End-User Generates HTTP Request to Storage
Center With SRL

End

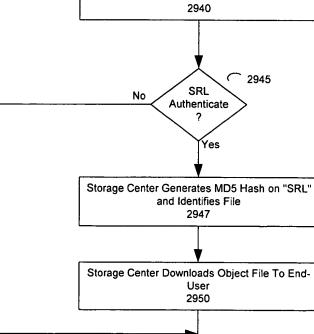


Figure 28

DRAFTSMAN

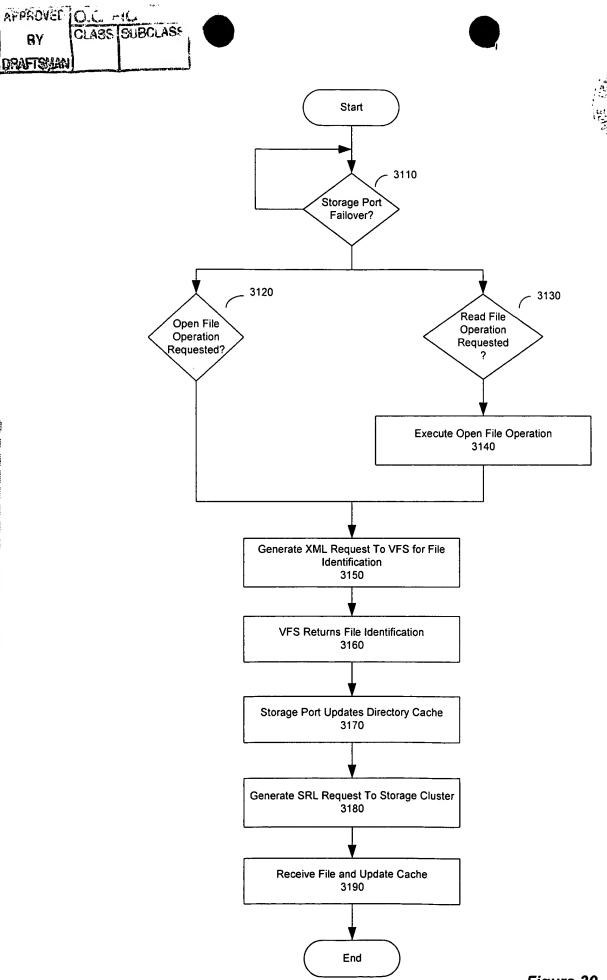
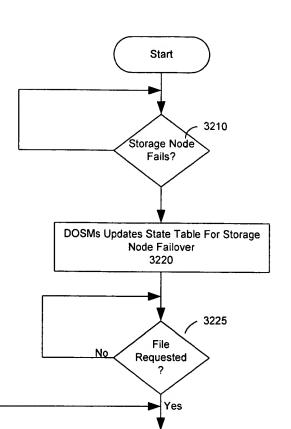


Figure 30



DOSM Issues Multi-cast Protocol Request To Storage Nodes 3230

Each Storage Node Determines Whether It Contains The Requested File 3240

**DOSM Selects Different** 

Storage Center 3247

Figure 31

